

FOLIO

GM Supports Sound Research

Anthony Craggs and his associates in the Department of Mechanical Engineering, Shelley Lorimer and James Hildebrandt, have reason to be thankful to General Motors of Canada. Not because they have bought the company's products; rather because the corporation continues to support their researches into acoustical absorption. To this end, Mounir M. Kamal and M.L. Achmatowicz (respectively head of the Engineering Mechanics department of the GM Research Laboratories and Director of Manufacturing Engineering) visited the University on 7 August to present a cheque for \$18,000 to the Dean of Engineering, Peter Adams.

The one-year renewal grant will enable Dr. Craggs and his colleagues to continue their studies into the absorptive properties of

materials and structures using finite element analysis techniques in computer modelling. These researches are of great interest to General Motors since that corporation is faced with ever more stringent regulations aimed at limiting noise levels in truck and locomotive cabs.

Dr. Craggs is no stranger to this line of research. Armed with baccalaureate and doctoral degrees, he worked in his native England at the Motor Industries Research Association and at the Institute of Sound and Vibration. In 1969, Dr. Craggs came to The University of Alberta and, for the past seven years, has continued his association with the motor industry, acting as consultant to the GM Research Laboratories in Warren, Michigan. □



From left to right: M.M. Kamal, S. Lorimer, J. Hildebrandt, M.L. Achmatowicz, A. Craggs, and P.F. Adams inspect equipment used by the acoustical researchers.

Student Affairs: A Source of Assistance

"If we can't help you, we'll find someone who can!" The unofficial motto of the Office of Student Affairs, located in 225 Athabasca Hall, certainly is not an empty statement—as many students can well attest. Rather it is founded in the practice of the office and its basic function of helping students through their careers at this University.

Essentially, the office, under the direction of Ruth Groberman, directs its energies toward helping students who are more likely than most to encounter problems. Such people may be students from other countries, people returning

to formal study after several years away from the educational scene, or disabled students who have special needs. In addition, the office, with its Study and Travel Abroad Reference Room (STARR, open also two evenings a week), acts as the University's central repository for information on international matters. For example, it is responsible for sorting out students' immigration problems.

In fact, students from abroad are among the most frequent visitors to the office and for a variety of reasons. Often, such students newly arrived from

many different parts of the world are expected to adapt almost immediately to a way or style of life never experienced before. They may encounter problems in registration or, once attending classes, be uncertain about what is expected of them. Also, given the vagaries of postal services in this and other countries, international students may suddenly be left high and dry without funds sufficient even for the next grocery bill. A coup d'état or political crisis in their home countries can cause such students great difficulties.

The University, through Stu-

dent Affairs, attempts to ease the paths of international students in different ways. Every year in late August, this year from 25 to 28 August, a series of day-long orientation seminars are set up to help international students acclimatize to their new surroundings. There is an International Student Bursary Program which, in 1980-81, gave assistance to eighty-seven students from twenty-two different nations. There is also the Golden Key Emergency Fund which provides loans to help students through difficult times.

This latter fund is of particular

interest in that its basic grant from the Board of Governors is \$4,500 annually. The money, however, is recycled with the result that in the past academic year over \$20,000 went to aid over seventy-five students. A similar emergency fund is also provided by the Friends of The University of Alberta and it too is administered by Student Affairs.

Disabled students are also frequent visitors to 225 Athabasca Hall and, as more and more realize that disabilities should not bar them from a University education, their numbers are likely to swell. Student Affairs recognizes and encourages this trend. Very recently, one of the office's staff, Marion Nicely, was appointed Coordinator of Services for Disabled Students. It will be Mrs. Nicely's responsibility to seek out volunteers able to cope with a range of differing problems. Indeed, the activity of volunteers on campus plays a very significant part in the eventual success of disabled students. A blind student, for example, might need as many as ten readers a week.

The University recognizes in a very real way the special needs of disabled students. The Office of

the Registrar actively assists such students through the toils of registration, and the Department of Physical Plant cooperates closely with Student Affairs in providing facilities such as wheel chair access to buildings across campus. This summer, aided by a grant from the Office of the President, two disabled students and one assistant surveyed the campus area by area to see how the needs of their colleagues are met and might be better served.

Mature students also constitute a group of people with special needs. Often as not, such students are single parents who return to University to upgrade their education in the hopes of providing a greater opportunity for their families. To help such students, whether or not single parents, Student Affairs arranges orientation sessions before the start of

classes—this year they will be held on 24 and 31 August in 2-1 Mechanical Engineering Building—and, to help students share their experiences, "Brown Bag Lunch" sessions in Athabasca Hall.

The assistance offered by Student Affairs is not limited to groups of people with special needs and nowhere is this more clear than in the area of academic grievances. Here, recently appointed Student Advisor, Ron D. Chilibeck, stresses a preventative approach. More often than not, academic problems are the result of misunderstanding requirements or of unclear directions. Feedback to departments helps instructors and students alike to avoid the recurrence of what are often relatively simple problems. Some difficulties, however, are less susceptible to easy resolution. In this case, Student Affairs will

advise people of appropriate appeal procedures.

In short, the Office of Student Affairs is a diverse and vibrant department offering a range of services that is hard to equal. Mrs. Groberman and her staff welcome the opportunity to assist people, whether members of the public wishing to make use of the Study and Travel Abroad Reference Room or students facing critical problems. The telephone number is 432-4145.

International Student Orientation
25 to 28 August. All day. 2-1 Mechanical Engineering Building.

Mature Student Orientation
24 and 31 August. All day. 2-1 Mechanical Engineering Building.

Study and Writing Skills Workshops

3 and 4 September. 7 p.m. to 10 p.m. TL11 Henry Marshall Tory Building. □

Kazimierz Dabrowski, 1902-1980

Kazimierz Dabrowski, Visiting Professor of Psychology at this University from 1967 to 1980, died on 26 November 1980 in Warsaw, Poland. At the time of his death, Dr. Dabrowski was head of the Society for Mental Health in Poland.

Born in 1902 in Lublin, Poland, Dr. Dabrowski received his MA in Philosophy and Comparative Literature from Poznan University in 1923, his MD from the University of Geneva Medical School in 1929 and his PhD in experimental psychology from the University of Poznan in 1932. He was appointed a *Privat Dozent* in child psychiatry in 1934 at the University of Geneva.

He studied psychology and education in Geneva in 1928 and 1929 with Edouard Claparède and Jean Piaget, obtained psychoanalytic training and analysis in 1930 in Vienna, Austria under Wilhelm Stekel, and had additional training in clinical psychology and child psychology



in Paris and Boston. In 1931, he studied child psychiatry in Paris under George Heuyer at Vaugirard and attended the lectures of Pierre Janet at Claude. From 1933 to 1934, he studied under Macfie Campbell, Director of the Boston Psychiatric Hospital, and William Healy, the first Director of the Judge Baker Foundation.

From 1935 to 1948, except for

the interruption of the German occupation, he was the Director of the Polish State Mental Hygiene Institute and the Institute for Mental Hygiene in Warsaw, which Dabrowski had organized with the aid of the Rockefeller Foundation. After internment at a Polish Communist prison camp, Dabrowski was appointed Professor in the Polish Academy of Science and the Director of the Institute of Children's Psychiatry and Mental Hygiene in the Academy. He held this post until his coming to North America in 1964.

He was the author of over seventy-five articles in psychiatry, mental hygiene, clinical psychology and education, published in Polish, French, German, Spanish, and English. Among his numerous books are *Handbook of Child Psychiatry*, *Handbook of Mental Hygiene*, *Nervousness in Children*, *Positive Disintegration*, *Personality Shaping through Positive Disintegration*, *Psychoneurosis is not an illness*,

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Authentic Education, Dynamics of Concepts, and Multilevelness of Emotional and Instinctive Functioning. A selection of these papers and books has been placed in the National and University Archives.

Dr. Dabrowski was the author of the theory of *Positive Disintegration*, a unique point of view which stresses the positive function of conflict, anxiety, and psychopathological symptoms in the progressive unfolding and self-determination of human personality. He regarded personality as primarily developing through dissatisfaction with, and fragmentation of, the existing

psychic structure—a period of disintegration—and finally a secondary integration at a higher level. Of noteworthy mention are his concepts of *multilevelness* and *overexcitability*, both of which are provocative and far-reaching in psychology, psychiatry, and education. The first posits the multilevelness of reality as this is reflected by the progressive development of personal growth. The second refers to the existence in different individuals of degrees of sensitivity, including psychomotor, sensual, imaginative, intellectual, and emotional which give form to the course of personal growth. Both concepts

have revolutionized our understanding of personality development, individual differences, mental disorder, and psychotherapy. These and other concepts are presented in a recent film entitled *Be Greeted Psychoneurotics* (Film West) and a series of locally available instructional videotapes.

Dr. Dabrowski gained international acclaim not only through his extensive writings but also through his personal contact with groups of interested scholars and clinicians in numerous countries. During his tenure at The University of Alberta, three international conferences on the Theory of

Positive Disintegration were held: the first at the Université Laval in 1970, the second at Loyola College, Montréal in 1972, and the third at the Miami School of Medicine in November 1980. Due to his failing health, Dr. Dabrowski was unable to attend the Miami conference. All three conferences exemplified the interdisciplinary scope of Dr. Dabrowski's research and the wide ranging implications of his work for our understanding of mental health.

He will be greatly missed by his friends for he, in his writings and his life, was an inspiration to all who knew him. □

Ornithologists Gather On Campus

Winging their way to the University this coming weekend—we hope—will be flocks of ornithologists from every part of Canada and the United States. Why the migration? To attend the ninety-ninth stated meeting of The American Ornithologists' Union to be held on campus from 24 to 27 August at the invitation of the Department of Zoology.

The meeting, which will commemorate the many contributions to avian studies by the first Chairman of the Department of Zoology, William Rowan, happily coincides with a major exhibition of Fenwick Lansdowne's paintings of birds at the Ring House Gallery. This exhibition, on loan from the National Museum of Natural Science, contains ninety of Lansdowne's paintings donated by Domtar Incorporated and is supplemented by a display of carved birds by sculptor Bill Koochin.

The major public sessions of the American Ornithologists' Union will be held from 25 to 27 August, with presentations by Donald S. Farmer of the University of Washington on the morning of 26 August and by Thomas Lovejoy of the World Wildlife Fund the following morning. Dr. Farmer will present a special plenary lecture dealing with recent developments on the role of

photoperiodicity in avian biology, "Chronology of Avian Annual Cycles." On Thursday morning, Dr. Lovejoy will chair a minisymposium on "Island Biogeography as Related to Habitat Management."

Endangered species will be the subject of a special presentation scheduled for the first day of the meeting. On Monday morning, participants can learn more about "The State of the Art in Rearing and Releasing Peregrine Falcons and Whooping Cranes."

In addition to the major sessions, as at every conference, there will be papers presented by scholars relating to a wide variety of problems in avian studies. There will also be poster sessions and time devoted to students' papers. The best of these papers will be honored by the presentation of an award.

The program is varied and field trips are planned after the close of the meeting, on Friday, 28 August. Members of the AOU will be escorted to Elk Island National Park and Beaverhills Lake by colleagues in the Edmonton Bird Club. A second field trip, to Jasper and Banff National Parks, 28 to 30 August, will be accompanied by an ornithologist working for Parks Canada. An attraction of the second field trip will be a

barbecue supper at Johnson Canyon and an evening hike to see black swifts.

People who wish to register for the ninety-ninth meeting of The American Ornithologists' Union are encouraged to do so as soon as possible. There will be an office open during the convention in TB-45 Henry Marshall Tory Building. The fees are \$30 for a member of the Union and \$35 if accompanied by a spouse. David A. Boag of the Department of

Zoology is the Committee on Local Arrangements Chairman. His telephone number is 432-3663. The other members of the Committee on Local Arrangements may also be contacted for further information. They are Kathleen Ball of the Edmonton Bird Club, Philip Stepney of the Provincial Museum, John Alway, Geoffrey Holroyd, Victor Lewin, Sydney Turner, and Fred Zwickel. □

Library Card Distribution and Revalidation

8-18 September 1981

Norma Freifield Reserve Reading Room
Cameron Library

Please note: Registration must be completed before a library card can be issued or revalidated.

Four Public Members Appointed to Board

The Board of Governors recently welcomed four new public members in the persons of Gordon Conway, Gary Davidge, Jack Kennedy, and Erwin Mertens. As appointed by the Hon. Jim Horsman, Minister of Alberta Advanced Education and Manpower, each will serve a three-year term effective 2 July 1981.

Mr. Conway is General Manager and Managing Director of Heritage Savings and Trust Co. and has been with the firm since its inception in 1968. He previously held positions with International Harvester, Toronto General Trusts Corporation, and Guaranty Trust Co. of Canada. He sits on the Council of the Trust Companies Association of Canada and is a member of the Edmonton Chamber of Commerce, the Alberta Trust Companies Association, and the American Bankers Association.

In the general community, Mr. Conway has given of his time and talents to such organizations as the Bonnie Doon Community League, the Ukrainian Professional and Business Men's Club, and the Edmonton All Girls Drum and Bugle Band.

Gary Davidge is a chartered accountant and heads the firm Davidge & Co. At the time of obtaining the CA designation in 1966 he recorded the highest marks in Alberta. Following terms of employment with Imperial Oil Ltd.; Clarkson, Gordon & Co.; and the Institute of Chartered Accountants in Alberta, Mr. Davidge joined a local practice in 1969 and set up his own office in 1979.

He has lectured for this University's Faculty of Extension, the Northern Alberta Institute of Technology, and the Institute of Chartered Accountants.

Jack Kennedy graduated from The University of Alberta in Arts in 1950 and in Law in 1951. He was admitted to the Bar in Alberta in 1952 and has been a



Gordon Conway



Gary Davidge

partner in the Edmonton law firm Cormie Kennedy since 1953. Mr. Kennedy became a Queen's Counsel in 1969.

He is Past President of the Edmonton Symphony Society; Chairman of the Edmonton Advisory Committee of the Salvation Army; a member of the Council of the International Bar Association and Chairman of the section on general practice of the International Bar Association.

Mr. Mertens was born in Radervormwald, Federal Republic of Germany, and is a graduate in textile engineering of the Textile College of the University of



Jack Kennedy

Aachen. This program of study plus business studies at the Universities of Western Ontario and Alberta and at Leland Stanford Jr. University in California and the holding of various senior production, administration, and financial positions with ranking textile firms culminated in his 1977 appointment as President and Chief Executive Officer of GWG Ltd.



Erwin Mertens

Mr. Mertens is also President of the Alberta Apparel Manufacturers Institute and an Executive Committee member of the Canadian Apparel Manufacturers Institute.

In Mr. Horsman's words, the new members "represent a global perspective and a diversity of skills which will add creatively to the Board of Governors of The University of Alberta." □

Board Briefs

The latest regular meeting of the Board of Governors took place on 7 August. The following items were among those discussed.

- The sum of \$57,574 was granted to the Students' Union for the 1981-82 fiscal year. Six organizations within the Union will receive funds with the Art Gallery (\$13,000) and Housing Registry (\$12,928 or one-half of total net expenditures, whichever is less) leading the way.

Another grant, this one for \$30,000, was directed to the International Student Bursary Program for the 1981-82 academic year. And the Golden Key Emergency Fund for International Students was enriched by a

grant of \$4,500.

The prestigious Dissertation Fellowships, of which about twenty are awarded annually, will rise in value from \$6,500 per year to \$8,500 per year, the Board determined. The increase is effective with the 1981-82 academic year.

- The Building Committee's bid for a capital expenditure authorization of up to \$2,220,884 for asbestos treatment purposes in various buildings was approved. Such funding is not to detract from the University's normal program.

- Two deceased members of staff will have a nomenclatural connec-

tion with the University. Room 1-19 in the new Agriculture-Forestry Centre is now the J. Macgregor Smith Laboratory and room 146A, Arts Building, will henceforth be known as the Roland Bonvalet Memorial Common Room. Professor Smith was the first Chairman of the Department of Agricultural Engineering; Professor Bonvalet taught French-Canadian literature in the Department of Romance Languages.

■ An affirmative vote was recorded regarding the immediate establishment of a PhD program in Business Management and a PhD program in Forest Science.

■ Notwithstanding the protestations of Gordin Kaplan, Vice-President (Research), the Faculty of Home Economics became departmentalized.

■ A budget of \$299,530 for the University's 75th Anniversary celebrations was approved. Watch these pages for reports on a program that may well rival a Cecil B. De Mille spectacular. □

The University on Display

The multifaceted nature of this University is well to the fore in a display (right) prepared for the "Design For Living" exhibition during Klondike Days and now set up in the Central Academic Building. With an emphasis on University people and the contributions they make to the future of Alberta, the role of the artist, agriculturist, scientist, lawyer, engineer, and energy conservationist are highlighted. The display is in two parts, one featuring the role of people and the other the role of individual campus units. During its time at the Klondike Days grounds, the display also portrayed the work of the Ring House Gallery, the Faculty of Extension, the Department of Industrial and Vocational Education, the Faculty of Pharmacy and Pharmaceutical Sciences, the Department of Physics, and the Office of the Registrar. Enquiries may be made to the Office of Community Relations. □

Renowned Sociologist to Visit Campus

Niklas Luhmann, a sociologist from the Universität Bielefeld, Federal Republic of Germany, will be one of the first Distinguished Visiting Professors at this University under the auspices of the recently established Visiting Scholars Program.

Sponsored by the Department of Sociology, Niklas Luhmann will offer a condensed, non-credit course open to all interested faculty and students entitled "Theory of Society." The course will focus on Professor Luhmann's contribution to general social science theory. Some of the topics covered will be "interaction, organization, society," "system differentiation," "generalized media of communication," "evolution of the societal system," and "reflection." Luhmann's perspective represents a sophisticated new variety (and critique) of functional analysis, formulated in light of a socio-historical systems theory and phenomenology, which is primarily developed at the level of society at large, rather than a single societal subsystem.

The course will meet daily from 31 August to 18 September from 9 to 10 a.m., in 14-6 Henry

Marshall Tory Building.

Professor Luhmann's interests and novel contributions have in addition to general sociological theory been in the area of the sociology of law, the sociology of organization and administration and most recently, the history of ideas and the sociology of knowledge. His two-volume *Gesellschaftsstruktur und Semantik* has just been published. Luhmann is the author of numerous books and articles, some of which have now been translated into other languages, including English. These include *Trust and Power*, New York: Wiley (1979) and *Differentiation of Society*, New York: Columbia University Press (1981). In addition, his extensive and influential debate with Jürgen Habermas on the status of systems theory, critical theory and phenomenology is currently being prepared for publication by Columbia University Press.

Professor Luhmann was born in 1927, studied law at Freiburg in 1946-1949. Upon graduation, he engaged in private law practice, but soon afterwards joined the Civil Service. In 1960, Luhmann

studied at Harvard. After his return to Germany, he started a most successful academic career with appointments at Speyer and Münster. In 1968, he was called to his present post at the Universität Bielefeld. During the academic year 1975-76, he was Theodor Heuss Professor at the New School of Social Research in New York City.

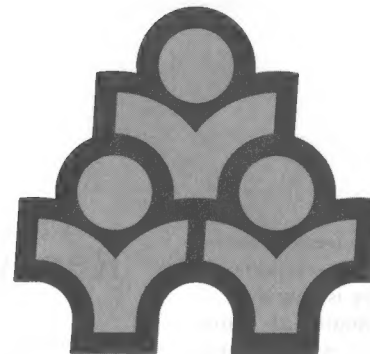
During these years, Niklas Luhmann's ever increasing number of essays and books (dealing with a wide range of topics and exhibiting an astonishing range and depth of scholarship), all reveal the author's consistent preference for the same kind of intellectual effort, namely to explore and extend the same basic theoretical inspiration. He sees as his main task that of reconceptualizing known phenomena, redefining already established notions, rather than putting forward entirely new concepts, or exploring new sets of phenomena. Luhmann's preference is for reinterpretation rather than discovery, for placing established facts within a different framework rather than for ascertaining new facts. Given the state of social science, this is intrinsically a task of greater importance than might appear from the standpoint of other disciplines. In the process, Luhmann is able to generate a great number of very illuminating insights by the apparently simple device of addressing new questions to a carefully gathered and arranged mass of existing information.

In short, Luhmann probably is one of the few genuine social science theorists today; a scholar who creates rather than interprets theory.

In addition to the course, Luhmann will present a public lecture on the development of the welfare state. The time and place for the lecture will be announced at a later time. Further information may be obtained by contacting the Department of Sociology at 432-5234. □



September 1981



Third
Congressional
District
League of Women Voters

August							October							November						
2	3	4	5	6	7	8	1	2	3	4	5	6	7	1	2	3	4	5	6	7
9	10	11	12	13	14	15	8	9	10	11	12	13	14	8	9	10	11	12	13	14
16	17	18	19	20	21	22	15	16	17	18	19	20	21	15	16	17	18	19	20	21
23	24	25	26	27	28	29	18	19	20	21	22	23	24	22	23	24	25	26	27	28
30	31						25	26	27	28	29	30	31	29	30					

sunday
6

13

20

27

monday
7 Labor Day. University
Buildings Closed

14 GFC Executive, 2 p.m.
FDC

21

28 GFC, 2 p.m.
FDC

tuesday
1

8

15

22

29

wednesday
2

9

16

23

30

Canadian Congress on Leisure Research

The Third Canadian Congress on Leisure Research is currently taking place on campus (17 to 21 August) under the chairmanship of Thomas L. Burton, Department of Recreation Administration. The logo designed for the conference represents only one of a variety of design services offered to the University community by the Office of Community Relations. For further information, telephone David DiFrancesco, Design Editor, 432-2325.

Monday

Tuesday

Wednesday

Thursday

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Board of Governors

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PPC

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DC

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ADC

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PPC

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Senate (Edson, Hinton, Jasper)

26

Senate (Edson, Hinton, Jasper)

ADC

Folio accepts display advertising

Size and rates: the basic unit size is 21 agate lines x 11 picas (1½" x 1⅞"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15 per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary. There is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

Folio Display Advertising
Office of Community Relations
423 Athabasca Hall
The University of Alberta
Edmonton, Alberta
T6G 2E8

The Faculty Women's Club

Commencing with the Fall Membership Tea, the Faculty Women's Club at this University will embark on its forty-eighth year of social activities. Over twenty-five "interest groups" serve to acquaint members with new activities, from art to quilting; from bridge to cross-country skiing.

Membership in the club is open to members of the academic staff and wives of academic staff. This includes such people as research associates and post-doctoral fellows. There is representation from each Faculty and this serves as a liaison for the Executive Committee and the general membership.

The Executive Committee for the 1981-82 academic year is as follows:

Honorary President

Barbara Horowitz (434-5696)

President

Shirley Larke (436-1974)

Past President

Kathy Marsden (434-8859)

Vice-President and

Interest Groups Chairman

Jackie Phillips (436-5183)

Membership Secretary

Margaret Robertson (434-6054)

Recording Secretary

Elfrieda Friesen (436-0926)

Corresponding Secretary

Helen Peters (434-0693)

Treasurer

Helen Otto (434-2416)

Ticket Chairman

Isabel Barker (434-0569)

Social Convener

Madeleine Miklos (434-8045)

Publicity Chairman

Dorothy Ayer (439-0853)

Newsletter Editor

Pat Reschenthaler (452-9826)

Assistant Membership Secretary

Pat Pier (483-8588)

Assistant Treasurer

Muriel Haryett (452-6535)

Assistant Social Convener

Dorothy Alderman (437-7670)

Assistant Newsletter Editor

Margaret Dossetor (433-1630)

Honorary and Life Members

Helen Pierce (433-1555)

In addition, each of the above represents a Faculty or group of Faculties: M. Robertson,

Agriculture and Forestry, Home Economics; E. Friesen, Pharmacy and Pharmaceutical Sciences; H. Peters, Administration, Chaplains, Faculté Saint-Jean, Library Science, affiliated colleges, Alberta Research Council, Graduate Studies and Research; H. Otto, Engineering; I. Barker, Law; M. Miklos, Education, Extension; D. Ayer, Science; P. Reschenthaler, BAC; P. Pier, Arts; M. Haryett, Dentistry; D. Alderman, Physical Education and Recreation; M. Dossetor, Medicine, Nursing, Rehabilitation Medicine.

The Fall Membership Tea will be held at the Faculty Club on Saturday, 12 September, from 1 to 3 p.m. All eligible members are invited to attend.

Other activities planned for the coming session are a New-comers' Coffee Party on 8 September at 7:30 p.m. at the house of the honorary president; and a Fall Luncheon at 12 noon on 20 October at the Faculty Club. At the latter event, the guest speaker will be Judy Schultz. □

people

Recent visitors to the Department of Chemistry include *Mark Cushman* from the Department of Medicinal Chemistry and Pharmacognosy, Purdue University. He presented a seminar on "Total Syntheses of Protoberberine and Benzophenanthridine Alkaloids" on 11 August. Other visitors included participants at a symposium held on 14 August: *A.K. Pokaev*, Academy of Sciences USSR; *M.J. Pilling*,

University of Oxford; *J. Kroh*, Technical University Lodz; and *O. Mogensen*, Danish National Laboratory, Riso.

G.J. Butler, Mathematics, was the coach of the Canadian team which entered the 1981 International Mathematical Olympiad. The IMO teams are made up of eight students under the age of twenty who regularly attend secondary school. The Canadians ranked an unofficial seventh among the twenty-seven nations participating. While this level of achievement is certainly noteworthy, it must also be observed that our Department of Mathematics did not put its eggs all in one basket; the winning United States team was coached by *M.S. Klamkin* and *A. Liu*, colleagues of Dr. Butler.

Yar Slavutych, Slavic Languages, recently presented a paper on the orthography of foreign place names in Ukrainian at Harvard University's Ukrainian Research Institute.

André Malan of the Laboratoire de Physiologie Respiratoire, Centre National de la Recherche Scientifique, Strasbourg, France, presented a public seminar on "Body Temperature and Acid-Base Regulation" on 11 August. Dr. Malan was Alberta Heritage Foundation for Medical Research Visiting Professor and his seminar was sponsored by the Department of Zoology.

On Wednesday, 12 August 1981, *E. Oluwole Akande*, Provost and Medical Director of the College of Medicine at the University of Ibadan, Nigeria, visited the Faculty of Dentistry and the Faculty of Pharmacy. The purpose of Dr. Akande's visit was to obtain program information in order to further develop their Faculty of Pharmacy and Pharmaceutical Sciences. The purpose He stated that he is looking to Canada as the academic link between the United Kingdom and the United States in terms of health care systems. In this regard he hopes to see an exchange of health staff between Canadian and Nigerian universities.

Hooray for Civilization!

The Curriculum Policies Board for Alberta Education has at last come up with a list of "desirable personal characteristics" that schools in this province should attempt to develop in students. The list, made public on 31 July by the Hon. David King, should clear up any misunderstandings about what are and what are not traits to be encouraged among our young people. The desirable traits, according to the news release received by *Folio*, fall into three categories: "ethical or moral," "intellectual," and "social or personal." They will be "fostered by schools in an attempt to help students become responsible citizens." Within the first category, there are nine characteristics to be developed, ranging from "respectful—has respect for the opinions,

rights, and property of others" to "loyal—is dependable, faithful, devoted to friends, family, and country."

The second category is related to intellectual characteristics; "open-minded—delays judgments until evidence is considered and listens to others' points of view" and "pursues excellence—has internalized the need for doing his/her best in every field of endeavor" are examples.

The third category, social or personal characteristics, is made up of eleven desirable traits. Among these are "cooperative—works with others to achieve common aims," "accepting—is willing to accept others as equals," and "unselfish—is charitable, dedicated to humanitarian principles."

The Curriculum Policies Board is to be applauded for publication of this list. For centuries, for millenia, philosophers and spiritual leaders have wrestled with the problem of just what typifies an ideal citizen. Examples have been drawn and offered to young people (and their instructors) from a wide variety of sources in every civilization. Finally, here in Alberta, the guardians of our children's education have lit upon the most desirable traits to be fostered. A most worthy achievement.

It is not suggested, however, that the list will make the old moral foundations redundant, but at least the list is not filled with negative injunctions—there are, for example, no "Thou shalt nots." Moreover, there is innova-

tion ("conserving—behaves responsibly toward the environment and the resources therein). Also, while self-sacrifice ("*dulce et decorum est pro patria mori*") and humility no longer figure as desirable characteristics in their own right, neither is there an emphasis on becoming "successful."

For teachers lamentably ignorant of the "Judeo-Christian ethic" and not well versed in ancient and more recent philosophical inquiries into the nature of responsible citizenship, the list should prove to be a handy reference. No doubt they will find it useful in assessing their students' progress.

Next term's report cards should make interesting reading. □

service information

Coming Events

Lectures and Seminars

Department of Biochemistry
24 August, 11 a.m. Ed Birnbaum of the Department of Chemistry at New Mexico State University will speak on "Europium and Terbium Luminescence in Calcium Binding Proteins." 4-70 Medical Sciences Building.

Faculty of Medicine

21 August, 11 a.m. Erik De Clercq of the Rega Institute for Medical Research at the University of Leuven in Belgium will address "Strategies in the Design of Antiviral Drugs." 2-27 Medical Sciences Building.

Department of Pediatrics

25 August, 9 a.m. "Causes of Developmental Abnormalities," with G.F. Smith, Professor and Chairman, Illinois Masonic Medical Centre, Chicago. 2-117 Clinical Sciences Building.

26 August, Noon. "Recent Advances in the Study of Down's Syndrome," with Dr. Smith lecturing. 5-104 Clinical Sciences Building.

Departments of Agricultural Engineering and Soil Science

26 August, 10:30 a.m. Inge Hakansson of the Department of Soil Science at the Swedish University of Agricultural Sciences will speak on "The Influence of Tillage, Compaction, and Fertilizer Placement on Crop Yields." 343 Chemical-Mineral Engineering Building.

Exhibitions

Multicultural Heritage Centre

Until 31 August. Newfoundland and Labrador Cottage Crafts.
Special Events. Summer programs in Settlers' Cabin, children's crafts, pioneer crafts, working with wool and making homespun wool. Call 963-2777 to register.
Settlers' Cabin a "living museum" of pioneer and ethnic crafts.
Handicraft Store features work by local artisans.
Library and Archives with pioneer photographs, tapes and maps.
Homesteaders' Kitchen serves lunch daily (except Mondays) noon to 2 p.m., coffee and dessert 2 p.m. to 4 p.m., and dinner Thursday evening from 5:30 p.m. to 7 p.m.
The Heritage Centre is located at 5411 51 Street, Stony Plain. Telephone: 963-2777.

Ring House Gallery

Until 28 August. "Lansdowne Bird

Paintings: 1958-1972" a collection of bird paintings by Victoria artist James Fenwick Lansdowne.
Until 28 August. Carved wooden bowls in the shape of birds by Westcoast artist Bill Koochin.

Devonian Botanic Garden

The Garden will be open to the public from May to September as follows: Weekdays 10 a.m. to 4 p.m. Saturdays, Sundays and Public Holidays 12 noon to 6 p.m. Tours can be arranged by calling 987-3054.

Rutherford House, 11153 Saskatchewan Drive

The restored home of Alberta's first premier, A.C. Rutherford, is located on the University campus. Staff in period costumes show visitors through the house. Until Labor Day, open daily 10 a.m. to 8 p.m. Group tours may be arranged by calling 427-5708 at least one week in advance. Free.

Provincial Museum

Continuing. "Canada!" a selection of photographs and poems from across the country. Orientation Gallery.

Ukrainian Cultural Heritage Village

The Village is open to the public 10 a.m. to 6 p.m. daily until 31 August. It is located 45 km. east of Edmonton on Highway 16, and admission is free.

University Special Collections

Until 4 September. "William Cowper, English Poet—250th Anniversary." B37 Cameron Library: Opening hours

8:30 a.m. to 4:30 p.m. Monday to Friday.

Until 20 September. "Near Terrestrial Paradise: Early California Travels."

Alberta Natural Resources Science Centre

The Centre consists of six permanent pavilions with displays that describe and interpret how Alberta's natural resources are put to use. Opening hours are Saturdays and Sundays from 11 a.m. to 5 p.m. School tours are available Monday to Friday. Admission and parking are free. The Centre is located east of Edmonton at the new Strathcona Science Park. For further information and bookings phone 427-9490.

Music

Jazz City

20 August, 7 p.m. Arthur Blythe Band.
9:30 p.m. Freddie Hubbard and Joe Farrell. Performances on the Shctor Stage, Citadel Theatre.
21 August, 7 p.m. Art Farmer and Frank Foster.
9:30 p.m. The Saxophone Band. Performance on the Shctor Stage.
22 August, 7 and 9:30 p.m. Sonny Rollins Quartet. Performances on the Shctor Stage.
23 August, 8 p.m. Gala concert in the Jubilee Auditorium.

Department of Music

Faculty Recital

11 September, 8 p.m. Gerhard Krapf, organist, in a program of his own music: "Fantasia and Fugue on a

Theme of Frescobaldi," Partita on "Praise to the Lord, the Almighty," "Five Biblical Contemplations," "Fantasy on Psalm CL," "Psalm Suite from *Little Organ Psalter*," "Three Pieces for Manuals only," and "Sonata II, for Thanksgiving."

Non-Credit Courses

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

Advanced SPIRES

Course number: 594. Date: 17, 19, 21, 25, 27 August. Time: 1 p.m. to 4:40 p.m. Fee: \$35. Prerequisites: Introduction to SPIRES. Place: 328 GSB.

Introduction to Computing at the U of A

Course number: 607. Date: 24 August. Time: 10 a.m. to noon. Fee: \$5.00. Prerequisites: No previous computing experience required. Place: 351 GSB.

MTS and Editor Fundamentals

Course number: 606. Date: 26 and 28 August. Time: 10 a.m. to noon. Fee: \$10.00. Prerequisites: Introduction to Computing at the U of A or equivalent knowledge of MTS.

Faculty of Extension

Managing Investments

Course number: 5272. Date: 8 September to 8 December. Time: 7:30 to 9:30 p.m. Fee: \$110. Telephone: 432-5066 or 432-5067.

English as a Second Language

Date: 21 September to 2 December. Time: 6 to 8 p.m., meet twice a week. Fee: \$65. Telephone: 432-3497, 432-3036, or 432-3116.

Management of Personal Finances: An Investment Strategies Approach

Course number: 5273. Date: 14 September to 7 December. Fee: \$125. Telephone: 432-5066 or 432-5067.

Sales Communication

Date: 10 and 11 September. Time: 9 a.m. to 4:30 p.m. Fee: \$150. Telephone: 432-5066 or 432-5067.

Marketing for Non-Marketing Managers

Date: 15 September. Time: 9 a.m. to 4:30 p.m. Fee: \$100. Telephone: 432-5066 or 432-5067.

Critical Thinking Workshop

Date: 21 and 22 September. Time:

9 a.m. to 5 p.m. Fee: \$150. Telephone: 432-5066 or 432-5067.

Starting Your Business:

The Road to Independence

Date: 14 September to 23 November. Time: 7 to 10 p.m. Fee: \$155. Telephone: 432-5066 or 432-5067.

PLATO Learning Centre

Introduction to PLATO

Course Number: 6606. Date: 28, 30 September and 2, 5, 7, 9, 14, and 16 October. Time: 5 to 7 p.m. Fee: \$110. Prerequisites: None. Place: 110 Corbett Hall (PLATO Learning Centre).

Introduction to TUTOR

Course Number: 6608. Date: 1, 8, 15, 22, and 29 October; 5, 12, 19, and 26 November and 3 December. Time: 7 to 9 p.m. Fee: \$145. Prerequisites: Introduction to PLATO. Place: 110 Corbett Hall (PLC).

Intermediate TUTOR

Course Number: 6609. Date: 6, 13, 15, 22, and 29 October; 3, 10, 17, and 24 November; 1 and 8 December. Time: 7 to 9 p.m. Fee: \$130. Prerequisites: Introduction to TUTOR. Place: 110 Corbett Hall (PLC).

Devonian Botanic Garden

Introducing Plants to People

Section 4, "Trees and Shrubs." Wednesday, 19 August, 7 to 9 p.m. \$4 fee. Includes garden tour and a talk on horticultural value of hardy varieties.

Preparing Your Garden for Winter

Tuesday, 25 August, 7 to 9 p.m. \$6 fee. Includes advice on protecting ornamentals and bulbs.

Mushroom Hunting for Beginners

28, 29, or 30 August. 10 a.m. to 3 p.m. \$12 fee. Includes identification of edible fungi, methods of collection and recipes. For information call 987-3054.

Notices

Urgent

Would the couple who reported the fire in the Windsor Car Park Tennis Court washrooms on Sunday, 2 August 1981, please contact Campus Security at 432-5252.

Auditions to be Held

The Richard Eaton Singers invite prospective members to audition for the 1981-82 season. Auditions will be held in 1-29 Fine Arts Building on the following days: 29 August, from 9 a.m. to noon, and from 1 p.m. to 4 p.m.; 30 August, from 1 p.m. to 4 p.m.; and 1 September, from 7 p.m. to 9:30 p.m.

For audition appointments, please telephone Carolyn Machell at 436-3342

and, after 22 August, Olga Plambeck at 433-1313. Returning members are asked to register on 1 September at 7:30 p.m. in 3-92 Fine Arts Building.

The choir will be preparing *The Nelson Mass* and *Te Deum* by Haydn for performance on 6 and 8 November at the All Saints' Cathedral. Handel's *Messiah* will also be performed with the Edmonton Symphony Orchestra on 10 and 11 December. From 17 to 19 December there will be three performances of Christmas music. Verdi's *Requiem* is scheduled for the spring concert.

Annual Faculty Golf Tournament

The annual Faculty Golf Tournament will be held this year on 27 August at the Leduc Golf and Country Club. The entry deadline is 21 August and the cost, which includes green fees, steak barbecue and prizes, is \$20.

There will also be available for rent golf clubs (\$3.50 for 18 holes, pull carts (\$1.50), and electric carts (\$14; telephone 986-2803 to reserve these).

To get to the Leduc Golf and Country Club, one should go south on Highway 2 to the first exit for Leduc and cross over the Highway to 50 Street. There, turn south past the traffic signals to the railway tracks. Do not cross the tracks but turn sharp right (westward). Go under the highway overpass and find the golf course on the left.

To enter, please telephone 432-3364 or 432-3341. Tee-off time will be between 10:30 a.m. and 1:30 p.m. only.

Attention Parents

Pediatric and Adolescent Clinic, Department of Pediatrics. Patients are now being accepted for emergency or continuing care by pediatric staff of the Department. For information, please telephone 432-6370.

Bears' Club Fall Session

Gymnastics Program

Registration forms are now available for the Bears' fun gym club for children. They can be picked up at the Athletics Office in the Physical Education and Recreation Centre between 8 a.m. and 4 p.m. weekdays.

Faculty Women's Club

The Fall Membership Tea will be held on Saturday, 12 September, from 1 to 3 p.m. in the Faculty Club. All eligible members are cordially invited to attend to renew memberships, enrol in interest groups, and relax with friends.

Former Non-Academic Employees

All non-academic employees of The University of Alberta whose services terminated between 1 April 1981 and 24 June 1981 are entitled to retroactive pay resulting from the Arbitral Award of 24 June 1981. If you know of anyone affected by this matter, please have them contact the office of Personnel Services and Staff Relations, 3rd Floor, Students' Union Building, by 31 August 1981.

Children's Movement Education Program New Registration Procedure

Pre-registration will take place in the Education Gymnasium on Saturday morning, 12 September, between 9 a.m. and 11 a.m. Classes for the ten-week program start 19 September at 9 a.m., 10 a.m., and 11 a.m. Cost: \$15 per child. Further information may be obtained from the Department of Movement Education. Telephone 432-3652.

Positions Vacant

Placement Officer, SWEP

The Student Work Experience Program was established to assist students in obtaining summer and part-time employment related to their field of study. Currently involved in the program are the Faculty of Home Economics, the Department of Computing Science, the Department of Physics, and the Department of Mathematics.

The Placement Officer will counsel students on career planning; solicit jobs that best suit the needs and qualifications of the students; disseminate occupational information to students and act as a liaison between participating University departments and employers.

The successful candidate will require a degree at the Bachelor's level and good written and verbal communication skills. Some technical knowledge in the sciences would be an asset.

This is a term position ending 31 March 1982, with the possibility of renewal.

The University of Alberta is an equal opportunity employer.

Please send résumé to: Carol Ottosen, Director, Student Work Experience Program, The University of Alberta, 602 Students' Union Building, Edmonton, Alberta T6G 2J7.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 14 August 1981.

Cashier (\$903.29-\$1,080.97)—Bookstore (3 positions)
Sales Clerk (\$903.29-\$1,080.97)—Bookstore
Duplicating Equipment Operator (\$903.29-\$1,080.97)—Business Administration and Commerce
Clerk (\$903.29-\$1,080.97)—Office of the Comptroller
Library Clerk I (\$903.29-\$1,080.97)—Extension Library (2 positions)
Office Services File Clerk (\$903.29-\$1,080.97)—Office of the Registrar
Library Clerk II (\$935.58-\$1,117.33)—Music
Publications Clerk (\$935.58-\$1,117.33)—Community Relations

Financial Records Clerk (\$970.59-\$1,161.75)—Office of the Comptroller (Term); Office of the Comptroller

Clerk Typist II (\$970.59-\$1,161.75)—Dean of Arts; Pensions and Benefits Administration; Graduate Studies and Research; Computing Services; Romance Languages; Agriculture and Forestry; Home Economics; University Health Service; Anthropology (Part-time); Educational Administration

Dental Assistant (\$970.59-\$1,161.75)—Faculty of Dentistry (Term—6 positions)

Clerk Steno II (\$970.59-\$1,161.75)—History; Secondary Education; Mechanical Engineering; Surgery; Economics

Library Clerk III (\$1,006.94-\$1,204.82)—Rural Economy

Dental Records Clerk (\$1,006.94-\$1,204.82)—Dean of Dentistry (2 positions)

Data Entry Operator (\$1,039.24-\$1,250.59)—Printing Services; Bookstore

Student Records Processing Clerk (\$1,080.97-\$1,304.43)—Faculty of Graduate Studies and Research

Clerk Typist III (\$1,080.97-\$1,304.43)—University Press; Art and Design; New Canadian Encyclopedia (2 positions); English (Part-time, Term)

Library Assistant I (\$1,080.97-\$1,304.43)—Economics; Extension

Clerk Steno III (\$540.49-\$652.22)—Biochemistry (Part-time, Trust)

Clerk Steno III (\$617.68-\$745.36)—Office of the Dean of Medicine (Part-time, Trust)

Clerk Steno III (\$1,080.97-\$1,304.43)—Student Work Experience Program (Term); Computing Science; Boreal Institute; Recreation Administration; Extension; Faculté Saint-Jean; Dentistry; Mineral Engineering (2 positions)

Admission Records Trainee/Assistant/Coordinator (\$1,080.97-\$1,304.43)—Office of the Registrar

Senior Financial Records Clerk (\$1,080.97-\$1,304.43)—Drama

Assistant to the Buyer (\$688.48-\$843.08)—Purchasing (Part-time)

Library Assistant II (\$1,204.82-\$1,475.40)—Extension (3 positions)

Accounts Clerk (\$1,204.82-\$1,475.40)—Office of the Comptroller; Botany

Administrative Clerk (\$1,204.82-\$1,475.40)—Physical Plant—Telecommunications; Pensions and Benefits Administration; Physical Education; Student Awards

Secretary (\$1,204.82-\$1,475.40)—Stomatology (Dentistry); Pharmacology

Publications Assistant (\$1,358.47-\$1,673.30)—Computing Services

Audio Visual Assistant (\$503.47-\$602.41)—Geography (Part-time)

Laboratory Assistant I (\$503.47-\$602.41)—Geography (Part-time)

Laboratory Assistant I (\$645.20-\$772.12)—Dean of Science (Part-time)

Art Technician Demonstrator I (\$737.70-\$911.26)—Art and Design (Part-time, 2 positions)

Laboratory Assistant I (\$903.29-\$1,080.97)—Entomology (Trust)

Parking Attendant (\$970.59-\$1,080.97)—Parking Services

Laboratory Assistant II (\$970.59-\$1,080.97)—Provincial Laboratory (2 positions)

Storeman II (\$1,006.94-\$1,417.51)—Chemistry

Programmer/Analyst III (\$1,084.35-\$1,352.90)—Psychology (Part-time)

Building Services Worker II (\$1,080.97-\$1,304.43)—Building Services (Physical Plant)

Garage Helper (\$1,080.97-\$1,304.43)—Vehicle Pool

Computer Assistant II (\$1,117.33-\$1,358.28)—Computing Services (3 positions)

Technician I (\$1,204.82-\$1,475.40)—Mechanical Engineering (Term); Home Economics; Chemistry; Zoology

Animal Technician I (\$1,204.82-\$1,475.40)—Bioscience Animal Services

Farm Technician (Dairy) (\$1,204.82-\$1,475.40)—Animal Science

Youth Program Assistant (\$1,204.82-\$1,475.40)—Extension—Legal Resource Centre (Trust)

Building Services Worker III (\$1,204.82-\$1,475.40)—Physical Plant (Building Services)

Technician I/Technologist I (\$1,204.82-\$1,475.40)—Medicine (Trust)

Civil Engineering Technician I/II (\$1,204.82-\$1,475.40)—Civil Engineering (Trust)

Food Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services (Term)

Maintenance Worker I (\$1,304.43-\$1,604.63)—Physical Plant (Maintenance)

Security Officer I (\$1,358.28-\$1,673.30)—Campus Security

Biochemistry Technician II (\$1,358.28-\$1,673.30)—Biochemistry

Electron Microscope Technician II (\$1,358.28-\$1,673.30)—Pathology

Technician II (\$1,358.28-\$1,673.30)—S.M.R.I.

Storeman III (\$1,358.28-\$1,673.30)—Pathology

Technologist I (\$1,417.51-\$1,747.33)—McEachern Laboratory (Part-time, Trust)

Chemical Technologist I (\$1,417.51-\$1,747.33)—Home Economics

Laboratory Technologist I (\$1,417.51-\$1,747.33)—Provincial Laboratory (4 positions)

Technologist I (\$1,417.51-\$1,747.33)—Botany; Medicine (Transplant Immunology) (Trust)

Biology Technologist I (\$1,417.51-\$1,747.33)—Genetics (Trust)

Draftsman II (\$1,417.51-\$1,747.33)—Design and Construction

Biochemistry Technologist I/II (\$1,417.51-\$1,747.33)—McEachern Laboratory (Trust)

Technologist I/II (\$1,417.51-\$1,747.33)—Physiology (Trust)

Dental Hygienist (\$1,475.40-\$1,822.73)—University Health Service

Art Technician Demonstrator I (Intaglio) (\$1,475.40-\$1,822.73)—Art and Design

Electronics Technician II (\$1,475.40-\$1,822.73)—Chemistry

Electronics Technician II/III (\$1,475.40-\$1,822.73)—Physics

Engineering Technologist II (\$1,475.40-\$1,822.73)—Physical Plant (Energy Management)

Administrative Assistant (Exhibition Designer) (\$1,535.68-\$1,904.82)—University Collections

Maintenance Worker II (\$1,538.68-\$1,904.82)—Athletic Services; Physical Plant (Electrical Distribution)

Technician III (Histology) (\$1,538.69-\$1,904.82)—Dean of Dentistry (Trust)

Applications Analyst (\$1,538.69-\$1,986.93)—Office of the Comptroller

Office Equipment Repair Technician (\$1,538.69-\$1,986.93)—Office of Equipment Repair

Nurse (\$1,604.63-\$1,986.93)—University Health Service

Technologist II (\$1,604.63-\$1,986.93)—Soil Science

Engineering Technologist III (\$1,673.30-\$2,077.14)—Design and Construction; Operations and Energy Management

Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services, Machine Shop (2 positions)

Interior Designer II (\$1,822.73-\$2,264.26)—Design and Construction

Programmer/Analyst II/III (\$1,822.73-\$2,264.26)—Computing Services

Engineering Technologist IV (\$1,904.82-\$2,367.91)—Physical Plant (Energy Management)

Horticulturist (\$1,904.82-\$2,367.91)—Plant Science

Programmer Analyst III (\$2,168.70-\$2,705.81)—Physical Plant; Office of Administrative Systems (2 positions); Computing Services (2 positions); Business Administration and Commerce

Specialist Technician (\$2,588.69-\$3,242.93)—Physics

Programmer/Analyst IV (\$2,588.69-\$3,242.93)—Computer Engineering

Controlsfitter (\$2,518.53/month)—Physical Plant (Maintenance)

Carpenter (\$2,421.47/month)—Physical Plant (Maintenance)

Plumber (\$2,518.53/month)—Physical Plant (Projects)

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk II (\$935.58-\$1,117.33)—Circulations; Acquisitions

Library Clerk III (\$1,006.94-\$1,475.40)—Acquisitions; Interlibrary Loans

Duplicating Equipment Operator (\$1,006.94-\$1,475.40)—Library Administration

Library Assistant II (\$1,204.82-\$1,475.40)—Publications; Circulations; Cataloguing

Library Assistant I (\$1,080.97-\$1,204.82)—Health Sciences; Acquisitions; Education Library; Cataloguing

Clerk Steno (\$1,080.97-\$1,304.43)—Selections

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For sale—By owner, luxury highrise condominium. Garneau area. Two bedrooms and bath. Southern exposure. Evenings: 433-3901.

For sale—76 and 25 treed and rolling acres bordering Ministik Bird Sanctuary, in Miquelon Lake area. All utilities and new well. 28 miles S.E. Edmonton. Asking \$69,000 and \$39,000. 469-0762.

For sale—Executive four bedroom quality home. Whitemud Ravine (Aspen Gardens). Fully developed. Patio doors off family room. Brick wall fireplace. Lot 80 x 150'. No agents. 434-7578.

For sale—By owner. Woodvale. 1,778 sq. ft. four-bedroom Costain home. \$93,000 blended at 11% until 1985. Fireplace, garage. \$139,500 462-9288 after 6 p.m.

For rent—Spacious house on quiet avenue in Bonnie Doon. 468-7053 evenings.

For sale—Garneau. Immaculate three-bedroom bungalow on quiet street. 1,410 sq. ft. Basement developed. Double front drive garage. Beautiful landscaping. \$159,900. Please call Potter Realty Louise Grant/Kathy Gibson. 436-3050.

For sale—Owner renovating. 10947 70 Ave. About \$94,000. Good finance. Paul 436-9959, 388-3066. Early possession.

For sale—University area. Bungalow in good condition. Good investment. Immediate possession. Call Maria 456-5656 or Barry 463-7501. Royal Trust.

For sale—Mill Creek ravine cul-de-sac. Minutes to University and downtown. Renovated two-storey home. 3 bedrooms, 2 bathrooms. Fireplace, deck, hardwood. 9622 85 Ave. \$129,900. 439-4057, 432-5574.

For rent—Three-bedroom house on Saskatchewan Drive. Available 1 September. Phone 963-4751.

For sale—New custom built, passive solar home. Unique open design. Indoor trees, sauna, Roman bath, terraced patios, extremely private. Low maintenance design in and outside. 435-7007 agent.

For sale—Glenora two-bedroom bungalow. Hardwood floors, developed basement. Resi Richter 483-9432, 455-4135, Weber.

For sale—Windsor Park three-bedroom bungalow. Developed basement,

garage. Vendor will carry. Resi Richter 483-9432, 455-4135, Weber.

For sale—Royal Gardens. Immediate possession. Three bedrooms, den, rumpus room, two fireplaces, double garage. Resi Richter 483-9432, 455-4135, Weber.

For sale—Valleyview architect designed home. Five bedrooms, formal dining room, two fireplaces, three baths, double garage. Resi Richter 483-9432, 455-4135, Weber.

For sale—Mill Creek. Substantially renovated two-storey. Features parquette flooring, solarium, and greenhouse. Cedar exterior. Good financing at 10¾%. Priced at \$172,900. Audi Lew 432-7515, ABC Realty.

For rent—One-bedroom basement suite. \$250 for one, \$300 for two. Private home, University area. Quiet, mature non-smoker only. 434-5372. Damage deposit one month.

For sale—Colonial two-storey. Beautifully renovated. Separate dining room, patio doors to deck, Jennair self-clean oven, exceptional bath. Must be seen! Call: Tahany, A.E. LePage 437-4854, 437-7480.

For sale—Belgravia semi-bungalow. Hardwood floors, dining room, den, and much more. Patricia Warnke 437-7480, 436-1299, A.E. LePage.

For sale—Lovely bungalow, minutes from downtown and U of A. Two

bedrooms plus den and gracious dining room. Charm set in an older neighborhood. Patricia Warnke 437-7480, 436-7299, A.E. LePage.

For sale—Claridge House beauty! Lovely master bedroom suite, dining room, and super location handy to U of A and downtown. Patricia Warnke 437-7480, 436-1299, A.E. LePage.

For sale—Executive townhouse. West end. Deluxe. 435-0250. No agents.

For sale—Petrolia. 1,200 square foot bungalow. Redecorated. 435-0250. No agents.

For rent—1 October-1 September 1982. Charming furnished bungalow, Belgravia, fireplace, on large lot. Close to schools and parks. 436-2718.

Automobiles and others

For sale—1978 Green Camero. Great condition. Call Laura 432-3396 (day) or Tom 462-5784 (night).

1978 Saab hatchback. White. 26,000 miles, stereo. \$5,600. 482-1155.

Goods for sale

Antiques; furniture, porcelain, glass, jewellery, silver, collectibles.

Appraisals executed for insurance and identification. 12-5 p.m. Mary Goulden Antiques, 10437 142 St. 453-2008, res. 452-8549.

Teak and leather chair with ottoman for sale. \$700. 439-2948.

For sale—Schulz reconditioned piano. Full resonant tone. Burled walnut cabinet. Excellent condition. \$800. 435-1035.

Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Singing teacher, Eileen Turner. 439-4661.

Typing on word processor. Call Darlene 452-1074.

Piano, theory lessons. Robert Garipey. 433-7238.

General renovations: Garages, additions, carpentry, plumbing, painting, well-paper hanging, roofing. Free estimates. 453-1059.

Medical Research Technologist required for cancer research. Position available through grant for two years, beginning 1 September 1981. Annual salary in the \$19,000 range. BSc and interest in research preferred. Contact Blood Transfusion Service at 420-0792.

Experienced editor/proofreader. Call evenings 458-8649.

GARNEAU MEALS

25% Sold

*Quarry Tile entries
Luxury appliances
Skylights
Vaulted ceilings*

Prices from \$125,000

*Solid oak cupboards
and vanities
Bay windows
Private yards or
balconies
Brick fireplaces*

Information Centre

8327 112 Street
433-1411

2-8 p.m. Monday-Thursday
1-5 p.m. Saturday-Sunday

TRAVEL CONSULTANTS required

Canadian Universities Travel Service (CUTS) Ltd. is looking for travel consultants with the following qualifications, to work in an informal, cordial office setting.

- travel experience
- a willingness to learn
- an ability to deal effectively with the public
- previous agency experience an asset.

Remuneration commensurate with qualifications. Applications should be directed to the Manager (432-2592 or the main floor of the Students' Union Building on the University of Alberta campus).

CUTS
CANADIAN UNIVERSITIES TRAVEL SERVICE

Campus Tours

Guided walking tours of The University of Alberta campus will be offered each day during the months of July and August.

Weekdays: 10:30 a.m., 1:30 p.m.

Saturdays and Sundays: 1:30 p.m.

Tours begin at the south end of the HUB shopping concourse and are approximately 1½ hours in length.

For more information: Office of Community Relations 432-2325.